

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| L1 | 20825 | ((tun\$3 or adjust\$3) with (filter or transconduct\$4)) and (digital) | USPAT | ADJ | ON | 2007/04/19 08:55 |
| L2 | 802 | ((tun\$3 or adjust\$3) same (transconduct\$4)) and (digital) | USPAT | ADJ | ON | 2007/04/19 08:56 |
| L3 | 568 | 2 and filter | USPAT | ADJ | ON | 2007/04/19 08:56 |
| L4 | 32 | ((tun\$3 or adjust\$3) with (transconduct\$4)) with (digital) | USPAT | ADJ | ON | 2007/04/19 09:30 |
| L5 | 0 | (DAC with (extract with bit with digital)) same (convert with remain\$3 with analog) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/19 10:55 |
| L6 | 3 | ((DAC or (digital near3 analog)) with (extract with bit with digital)) same (convert with remain\$3 with analog) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/19 10:56 |
| S1 | 1 | 10/629020 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/12 14:27 |
| S3 | 1248 | transconductor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/12 14:28 |
| S4 | 326 | S3 and ((tun\$3 or adjust\$3 or set\$4 or vary\$3) with transconductor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/12 14:29 |
| S5 | 86 | S4 and (digital and bit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/12 14:30 |

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| S6 | 92 | S4 and (bit) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/12 14:30 |
| S7 | 2 | ("2002/0163384").URPN. | USPAT | ADJ | ON | 2007/04/19 08:54 |
| S8 | 0 | 10/368430 and logic\$3 | USPAT | ADJ | ON | 2006/12/13 08:00 |
| S9 | 1 | "5245646".pn. and digital | USPAT | ADJ | ON | 2006/12/13 14:25 |
| S10 | 38 | ("3818246" "4352010" "4661803" "4672361" "4675649" "4733205" "4783644" "4791379" "4939519" "4965578" "5059836" "5124593" "5128676" "5187445").PN. OR ("5245646").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/13 14:35 |
| S11 | 7 | S10 and transconduct\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/13 14:45 |
| S12 | 267 | (transconduct\$4 near3 filter) and ((tun\$3 or adjust\$3) near3 circuit) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/13 14:46 |
| S13 | 92 | S12 and transconductor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/13 14:47 |
| S14 | 49 | S13 and digital and analog | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:33 |
| S15 | 1 | "5701099".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/13 15:27 |
| S16 | 1 | "6466090".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/13 15:34 |
| S17 | 0 | 2004/0100322 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/13 15:36 |
| S19 | 2 | 10/302887 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/13 15:36 |
| S20 | 0 | ("2004/0100322").URPN. | USPAT | ADJ | ON | 2006/12/13 15:38 |
| S21 | 0 | wo 96/27239 | USPAT | ADJ | ON | 2006/12/13 15:38 |
| S22 | 0 | 96/27239 | USPAT | ADJ | ON | 2006/12/13 15:40 |
| S23 | 0 | wo/1996/027239 | USPAT | ADJ | ON | 2006/12/13 15:40 |
| S24 | 0 | 1996/027239 | USPAT | ADJ | ON | 2006/12/13 15:40 |

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| S25 | 0 | 1996/027239 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 15:40 |
| S26 | 0 | WO/1996/027239 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 15:41 |
| S27 | 0 | PCT/US1996/002399 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 15:41 |
| S28 | 0 | WO/1996/027239 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 15:44 |
| S29 | 2 | "6304135".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 15:48 |
| S30 | 2 | "5914633".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 15:55 |
| S31 | 2 | "6112125".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 15:59 |

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| S32 | 2 | "5352934".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 16:08 |
| S33 | 2 | "20030090316" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 16:16 |
| S34 | 2 | "5245646".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 16:41 |
| S35 | 25209 | voltage with current with filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 16:41 |
| S36 | 1124 | S35 and transconduct\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 16:41 |
| S37 | 475 | S36 and digital and analog | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 16:42 |
| S38 | 259 | S37 and bit | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 16:42 |

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| S39 | 94 | S38 and (tun\$3 near3 circuit) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2006/12/13 16:43 |
| S40 | 4 | ("5650950" "5914633" "6172569" "6404277").PN. OR ("6977542").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:06 |
| S41 | 269 | (transconduct\$4 near3 filter) and ((tun\$3 or adjust\$3) near3 circuit) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 16:11 |
| S42 | 92 | S41 and transistor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:34 |
| S43 | 49 | S42 and digital and analog | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:34 |
| S44 | 29 | S43 and bit | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:37 |
| S45 | 418 | 327/553.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:37 |
| S46 | 107 | S45 and transconduct\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:37 |
| S47 | 52 | S46 and ((tun\$3 or adjust\$3) near3 circuit) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:38 |
| S48 | 19 | S47 and analog and digital and bit | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:47 |
| S49 | 3 | (transconduct\$4 near4 capacit\$4) and ((tun\$3 or adjust\$3) with (trim near2 value)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:49 |
| S50 | 6 | (transconduct\$4 near4 capacit\$4) and ((tun\$3 or adjust\$3) and (trim near2 value)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 08:49 |
| S51 | 179 | 330/303.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 16:11 |
| S52 | 15 | S51 and transistor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 16:12 |

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| S53 | 943 | transconductor | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 16:12 |
| S54 | 936 | S53 and circuit | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 16:12 |
| S55 | 240 | S54 and analog and digital and bit | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 16:12 |
| S56 | 222 | S55 and voltage and current | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 16:13 |
| S57 | 177 | S56 and gain | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 16:14 |
| S58 | 87 | S57 and tun\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/14 16:16 |
| S59 | 29 | software and (tuning with transconductance) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 09:02 |
| S60 | 74 | (software or program)and (tuning with transconductance) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 09:03 |
| S61 | 45 | S60 not S59 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 09:06 |
| S62 | 2 | S61 and ((software or program) with implement\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 09:10 |
| S63 | 164192 | ((software) with implement\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 09:10 |
| S64 | 9156 | S63 and tuning | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 09:10 |
| S65 | 118 | S64 and transconductance | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 09:16 |
| S69 | 493 | S64 and (software with (computer readable medium)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 09:19 |
| S70 | 5 | S69 and ("327".clas. or "330".clas.) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 10:34 |

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| S71 | 1460 | 375/316.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 10:34 |
| S72 | 0 | S71 and (trans near1 conduct\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 10:35 |
| S73 | 1326 | (trans near1 conduct\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/17 15:01 |
| S74 | 58 | S73 and (tun\$3 or adjust\$3) with (trans near1 conduct\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2006/12/15 10:36 |
| S75 | 2393 | (trans adj3 conduct\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/17 15:02 |
| S76 | 80 | S75 and ((tun\$3 or adjust\$3) with (trans adj3 conduct\$4)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/17 15:03 |
| S77 | 1362 | (trans near1 conduct\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/17 15:03 |
| S78 | 61 | S77 and (tun\$3 or adjust\$3) with (trans near1 conduct\$4) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/17 15:03 |
| S79 | 43 | S76 not S78 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/17 15:08 |
| S82 | 599 | transconduct\$4 with (tun\$3 or adjsut\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/17 15:16 |
| S83 | 151 | S82 and ((tun\$3 or adjust\$3) near3 range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/17 15:17 |
| S84 | 66 | S83 and bit | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/18 07:12 |

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| S85 | 599 | transconduct\$4 with (tun\$3 or adjsut\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/18 07:12 |
| S86 | 151 | S85 and ((tun\$3 or adjust\$3) near3 range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/18 07:24 |
| S87 | 58 | S86 and (bit with tun\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/18 07:14 |
| S88 | 35 | S86 and (bit with tun\$3 with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/18 07:24 |
| S90 | 71 | S85 and (((tun\$3 or adjust\$3) near3 range) with transconduct\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/18 07:24 |
| S91 | 33 | S90 and (bit with tun\$3 with range) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/18 07:31 |
| S92 | 2 | "4841461".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/18 08:14 |
| S93 | 2 | "6977542".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/04/18 08:15 |
| S94 | 4 | ("5650950" "5914633" "6172569" "6404277").PN. OR ("6977542").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/18 08:29 |

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| S95 | 1 | "7078960".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/18 08:50 |
| S96 | 10831 | 341/169.ccls. or 327/552,553,103, 554,556,551,557,558,559,311.ccls. or 375/316.ccls. or 330/305,270, 303,279,252,301,86,69,85.ccls. or 333/172,173.ccls. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/18 08:52 |
| S97 | 4 | S96 and (tun\$3 near4 (trans adj3 conduct\$4)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/18 08:53 |
| S98 | 89 | S96 and (tun\$3 near4 (transconduct\$4)) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/18 08:53 |
| S99 | 11 | S98 and (bit with tun\$3) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/18 09:03 |
| S10 0 | 78 | S98 not S99 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/18 09:01 |
| S10 1 | 35 | S98 and (bit) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/18 09:03 |
| S10 2 | 24 | S101 not S99 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/04/18 09:03 |
| S10 3 | 6566 | 375/316,326,327,373,322,150,371, 254,275,376.ccls. or 455/204.ccls. | USPAT | ADJ | ON | 2007/04/18 12:47 |
| S10 4 | 138 | S103 and VSB | USPAT | ADJ | ON | 2007/04/18 12:47 |
| S10 5 | 17 | S104 and (OQAM or (offset near3 QAM)) | USPAT | ADJ | ON | 2007/04/18 13:32 |
| S10 6 | 7 | VSB same (OQAM or (offset near3 QAM)) same conver\$4 | USPAT | ADJ | ON | 2007/04/18 13:33 |